

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063873.D
 Acq On : 02 Oct 2019 21:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:55:55 PM

Quant Time: Oct 03 04:40:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	192294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	311482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	321289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	91403	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.92	113	90153	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	10.34	98	375576	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.63	95	127854	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	56419	41.372	ug/l	93
3) Chloromethane	2.21	50	201525	55.160	ug/l	99
4) Vinyl Chloride	2.34	62	221468	50.248	ug/l	96
5) Bromomethane	2.77	94	130007	45.881	ug/l	97
6) Chloroethane	2.92	64	145243	49.829	ug/l	94
7) Trichlorofluoromethane	3.27	101	277522	47.624	ug/l	95
8) Diethyl Ether	3.71	74	45848	49.018	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	74791	46.366	ug/l	98
10) Methyl Iodide	4.29	142	109369	49.206	ug/l	99
11) Tert butyl alcohol	5.26	59	34269	263.932	ug/l #	71
12) 1,1-Dichloroethene	4.05	96	75176	46.647	ug/l	93
13) Acrolein	3.92	56	41471	248.022	ug/l	100
14) Allyl chloride	4.71	41	131865	49.215	ug/l	98
15) Acrylonitrile	5.43	53	104464	253.322	ug/l	98
16) Acetone	4.17	43	109594	224.847	ug/l	93
17) Carbon Disulfide	4.40	76	277196	47.317	ug/l	97
18) Methyl Acetate	4.72	43	46194	48.455	ug/l	97
19) Methyl tert-butyl Ether	5.49	73	211893	50.775	ug/l	96
20) Methylene Chloride	4.96	84	112820	52.304	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	99938	49.814	ug/l	93
22) Diisopropyl ether	6.37	45	286252	52.311	ug/l	97
23) Vinyl Acetate	6.31	43	846859	260.149	ug/l	98
24) 1,1-Dichloroethane	6.27	63	170238	50.507	ug/l	97
25) 2-Butanone	7.23	43	140224	242.753	ug/l	92
26) 2,2-Dichloropropane	7.21	77	137619	45.135	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	112603	49.588	ug/l	98
28) Bromochloromethane	7.55	49	66864	52.097	ug/l	99
29) Tetrahydrofuran	7.57	42	82856	245.748	ug/l	100
30) Chloroform	7.71	83	182445	49.836	ug/l	95
31) Cyclohexane	7.98	56	143394	51.582	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	157661	50.205	ug/l	99
36) 1,1-Dichloropropene	8.11	75	137083	48.134	ug/l	99
37) Ethyl Acetate	7.30	43	59687	52.462	ug/l	99
38) Carbon Tetrachloride	8.10	117	135476	47.073	ug/l #	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063873.D
 Acq On : 02 Oct 2019 21:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5.00mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:55:55 PM

Quant Time: Oct 03 04:40:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	162840	46.503	ug/l	93
40) Benzene	8.35	78	408047	49.997	ug/l	99
41) Methacrylonitrile	7.53	41	31422	47.588	ug/l	93
42) 1,2-Dichloroethane	8.43	62	119156	50.472	ug/l	99
43) Isopropyl Acetate	8.46	43	119583	50.068	ug/l	98
44) Trichloroethene	9.11	130	112975	48.004	ug/l	96
45) 1,2-Dichloropropane	9.39	63	99989	50.054	ug/l	93
46) Dibromomethane	9.48	93	57792	50.799	ug/l	98
47) Bromodichloromethane	9.67	83	144170	49.220	ug/l	99
48) Methyl methacrylate	9.46	41	55649	48.629	ug/l	93
49) 1,4-Dioxane	9.47	88	14844	955.879	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	308347	248.933	ug/l	96
52) Toluene	10.40	92	274448	48.986	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	144206	50.453	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	167983	51.056	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	80672	50.221	ug/l	97
56) Ethyl methacrylate	10.66	69	103185	50.725	ug/l	96
57) 1,3-Dichloropropane	10.95	76	144630	52.624	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	214601	245.433	ug/l	97
59) 2-Hexanone	10.98	43	221647	247.368	ug/l	97
60) Dibromochloromethane	11.14	129	104011	49.735	ug/l	97
61) 1,2-Dibromoethane	11.25	107	80627	51.774	ug/l	98
64) Tetrachloroethene	10.87	164	105160	47.945	ug/l	95
65) Chlorobenzene	11.67	112	319061	49.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	119870	50.418	ug/l	96
67) Ethyl Benzene	11.74	91	573311	49.275	ug/l	100
68) m/p-Xylenes	11.86	106	440766	98.149	ug/l	98
69) o-Xylene	12.18	106	210544	48.962	ug/l	97
70) Styrene	12.20	104	369314	50.733	ug/l	99
71) Bromoform	12.36	173	66128	51.826	ug/l #	99
73) Isopropylbenzene	12.48	105	549411	47.181	ug/l	98
74) N-amyl acetate	12.29	43	117390	46.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	94341	46.557	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	57923m	49.925	ug/l	
77) Bromobenzene	12.76	156	137576	47.420	ug/l	98
78) n-propylbenzene	12.82	91	656824	48.054	ug/l	100
79) 2-Chlorotoluene	12.91	91	363113	48.179	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	468038	48.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29140	44.446	ug/l	95
82) 4-Chlorotoluene	13.00	91	386508	48.343	ug/l	100
83) tert-Butylbenzene	13.22	119	415341	48.038	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	480083	47.934	ug/l	99
85) sec-Butylbenzene	13.40	105	549274	47.042	ug/l	100
86) p-Isopropyltoluene	13.51	119	529144	47.891	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	278096	48.512	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	272809	48.239	ug/l	99
89) n-Butylbenzene	13.84	91	487460	47.397	ug/l	99
90) Hexachloroethane	14.11	117	96054	48.336	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	242829	49.154	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	15666	49.746	ug/l	90

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100219\
Data File : VD063873.D
Acq On : 02 Oct 2019 21:53
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00g/5.00mL/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/3/2019 12:55:55 PM

Quant Time: Oct 03 04:40:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	178672	46.872	ug/l	99
94) Hexachlorobutadiene	15.27	225	96049	45.661	ug/l	97
95) Naphthalene	15.40	128	321713	50.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	157805	47.982	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100219\
Data File : VD063873.D
Acq On : 02 Oct 2019 21:53
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00µ/5.00mL/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/3/2019 12:55:55 PM

Quant Time: Oct 03 04:40:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:02:53 2019
Response via : Initial Calibration

